



Solar Glass 2971186Z Space





Overview

What is solar glass 0787?

Consistently stable transmission from UV-A into NIR range. Absorbs the majority of harmful UV-B and UV-C radiation. Solar Glass 0787 acts as a barrier layer, preventing damage from several types of high-energy particle radiation. High transmittance in VIS and NIR ranges, even after long exposure to different types of radiation.

What is a solar cell cover glass?

Our Solar Cell Cover Glasses offer a range of technical advantages when used for space or terrestrial applications such as photovoltaic systems and optical solar reflectors. Transmittance across the spectrum from UV-A to near-infrared is excellent, while low-wavelength UV radiation is effectively blocked.

Why should you choose Schott Solar cell cover glass?

Design opportunities are further enhanced by the availability of different coatings. SCHOTT's Solar Cell Cover Glasses are available as two variants, SCHOTT® Solar Glass 0787 and SCHOTT® Solar Glass sphere, each one providing specific technical properties for challenging environments.

What is Schott® Solar glass 0787?

For effective heat exchange, a spacecraft requires efficient thermo-optical surfaces. When applied with a reflective coating, SCHOTT® Solar Glass 0787 is a highly effective thermo-optical surface, protecting against harmful solar radiation while facilitating heat exchange thanks to high emittance in the infrared range.



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SCHOTT SCHOTT® Solar Glass

SCHOTT® Solar Glass combines high optical performance with long-term material stability for both space and terrestrial use. It offers excellent ...

[SCHOTT launches high-performance cover glass ...](#)

SCHOTT® Solar Glass exos features an advanced design for long-term performance in demanding space environments. Its optimized ...



SCHOTT launches high-performance cover glass for next-generation space

Engineered for use in both space agency missions and satellite constellations, this fully certified solar cell cover glass delivers high scalability and cost efficiency.

SCHOTT SCHOTT® Solar Glass

SCHOTT® Solar Glass combines high optical performance with long-term material stability for both space and terrestrial use. It offers excellent transmittance from UV-A to near-infrared ...



SUPPORT REAL-TIME ONLINE
MONITORING OF SYSTEM STATUS



SCHOTT Solar Cell Cover Glass

SCHOTT® Solar Glass 0787 Designed for special solar applications in high-radiation environments.

Photovoltaic Module Project 2971186Z Space Innovations in Solar ...

The Photovoltaic Module Project 2971186Z Space addresses critical needs in commercial solar deployment through space optimization and enhanced durability. As energy costs fluctuate, ...



[How Energy Storage Companies Like 2971186Z Are Powering ...](#)

When clouds roll in or winds drop, energy storage companies like 2971186Z Space become the unsung heroes bridging the gap between green ideals and grid reality.

Solar Cover Glass



Though Coresix is involved with a number of emerging photovoltaic applications here on Earth, our glass contribution to solar power is more prevalent in space! Today's state-of-the-art space ...



Photovoltaic cells in space , SCHOTT

With over 90 % transmittance in the UV-A to NIR range, SCHOTT® Solar Glass is ideally matched to the Sun's spectrum, and the amount of light ...



SCHOTT launches high-performance cover glass for next-generation space

SCHOTT® Solar Glass exos features an advanced design for long-term performance in demanding space environments. Its optimized composition provides ...



Space-rated cover glass developed for in-orbit ...

New cover glass boosts radiation stability and optical control in satellite-powering solar cells

Outdoor Cabinet BESS
50 kWh/500 kWh Battery Storage System
Industrial and Commercial Energy Storage

- All In One**
Integrating battery packs
- Intelligent Integration**
integrated photovoltaic storage cabinet
- High-capacity**
50-500kWh
- Rated AC Power**
50-100kW
- Degree of Protection**
IP54
- Altitude**
3000m(>3000m derating)
- Operating Temperature Range**
-20-60°C(Derating above 50 °C)

Space-rated cover glass developed for in-orbit solar by Schott ...



New cover glass boosts radiation stability and optical control in satellite-powering solar cells

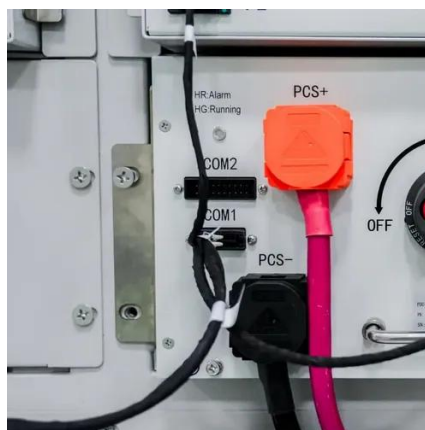


Photovoltaic Module Project 2971186Z Space Innovations in ...

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[SCHOTT launches high-performance cover glass for next ...](#)

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Solar Cell Cover Glass , satsearch

The main goal of Schott's Solar Cell Cover Glasses is to offer effective protection for space and terrestrial photovoltaics.



[Photovoltaic cells in space , SCHOTT](#)



With over 90 % transmittance in the UV-A to NIR range, SCHOTT® Solar Glass is ideally matched to the Sun's spectrum, and the amount of light reaching the solar cell is maximized, ...



Solar Cover Glass

Though Coresix is involved with a number of emerging photovoltaic applications here on Earth, our glass contribution to solar power is more ...





Contact Us

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